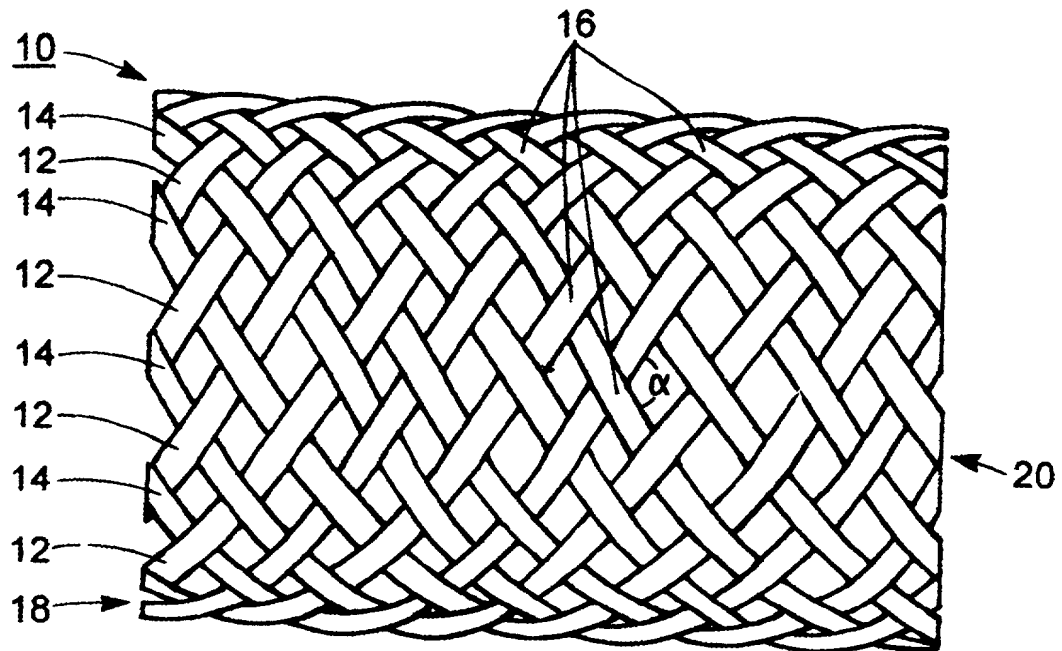
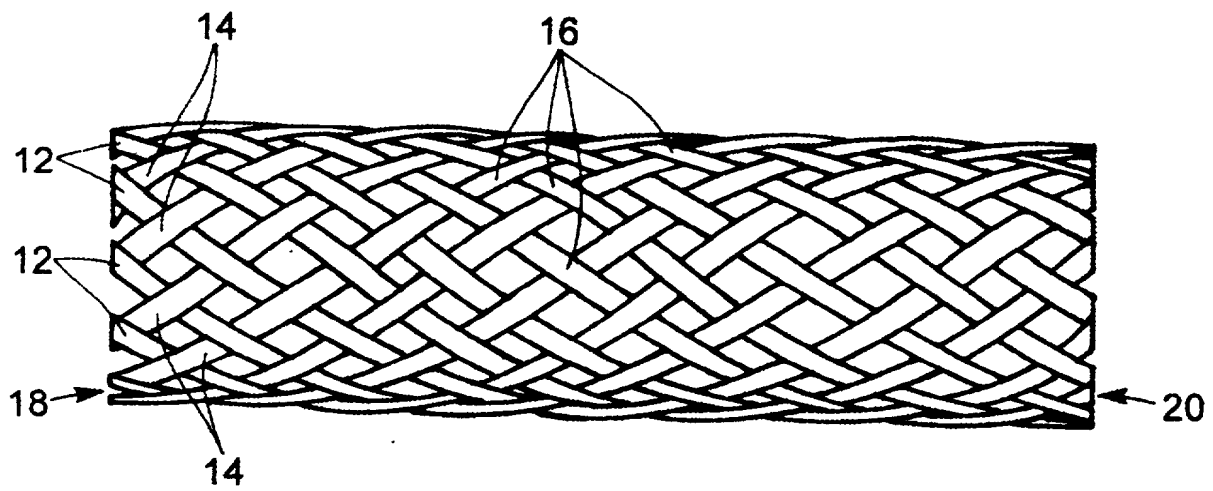


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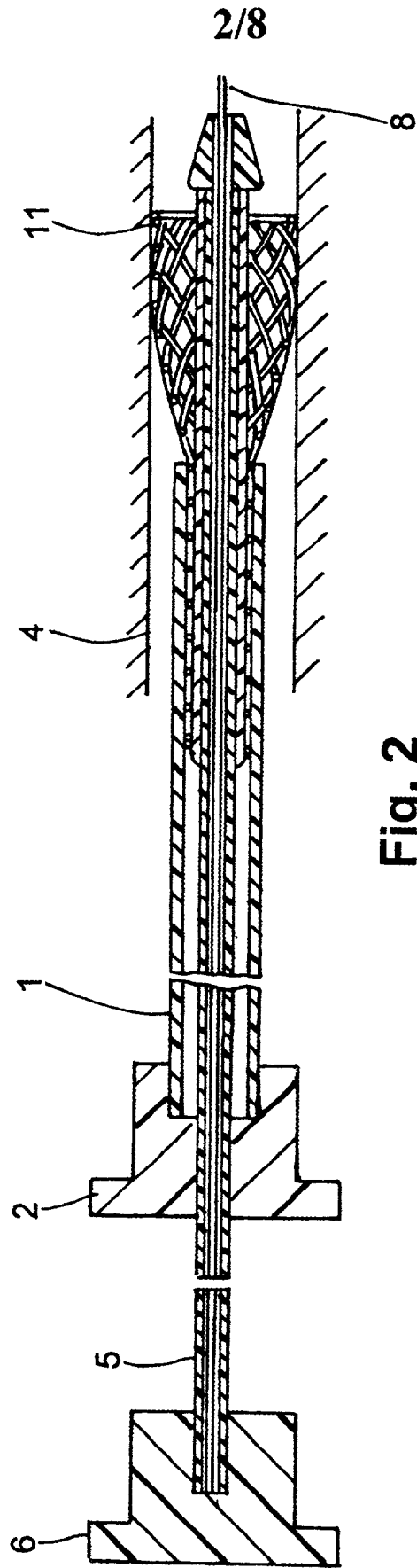


**Fig. 1A**  
(PRIOR ART)



**Fig. 1B**  
(PRIOR ART)

FIG. 2 is a cross-sectional view of a prior art device, showing a central shaft (1) passing through a series of components. The shaft is supported by a base (6) and a top support (2). The shaft is surrounded by a sleeve (5) and a housing (4). The housing is secured by a cap (11) and a screw (8). The shaft is also surrounded by a layer of material (1).



**Fig. 2**  
(PRIOR ART)

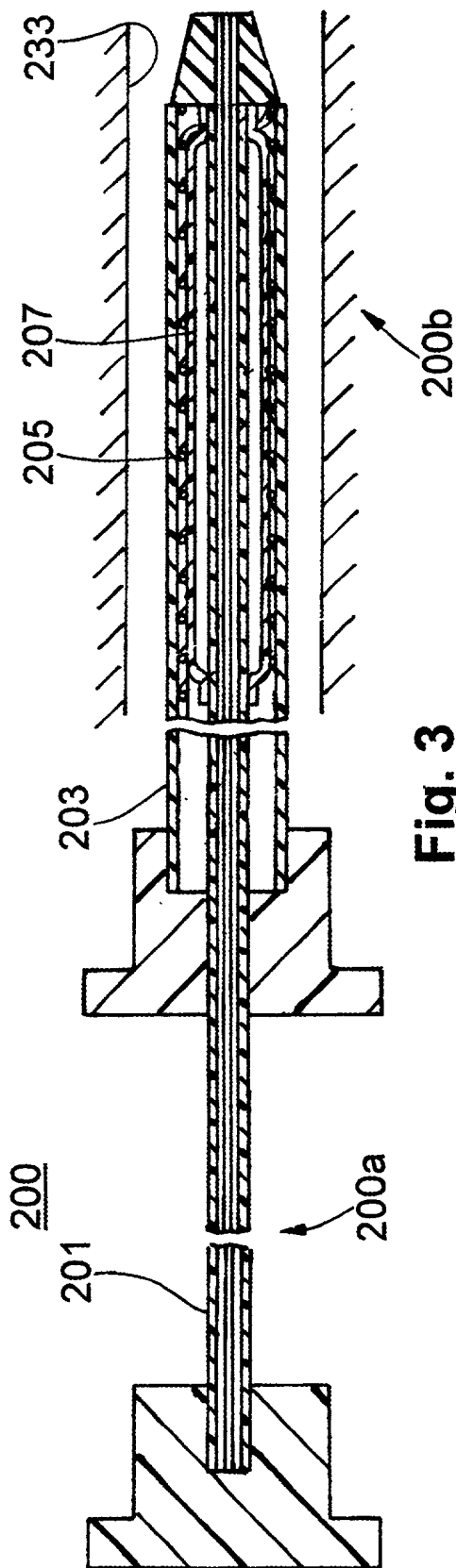


Fig. 3

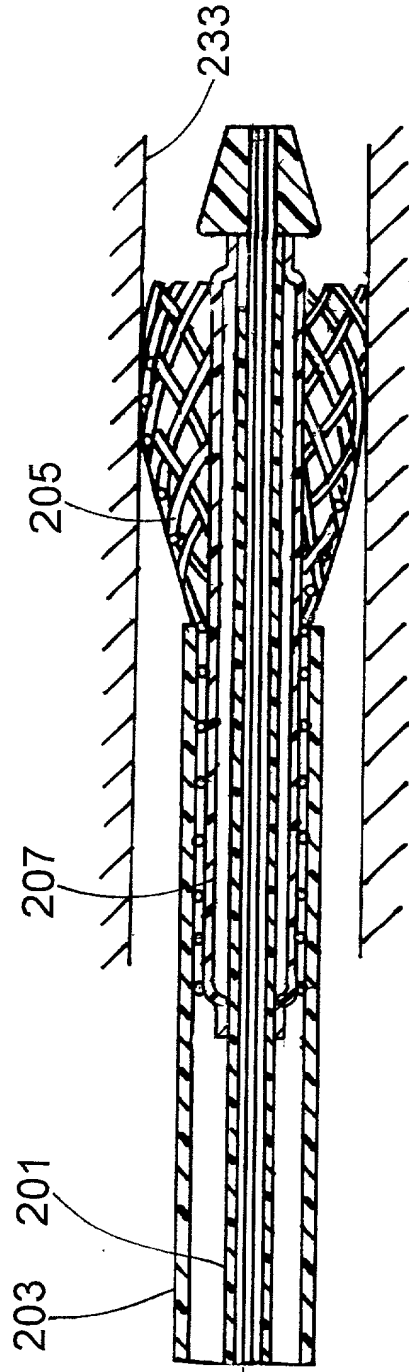


Fig. 4

FIG. 5 is a cross-sectional view of a catheter assembly 500, showing a catheter body 501, a catheter lumen 502, and a catheter tip 503. The catheter body 501 is shown in cross-section, revealing the internal lumen 502. The catheter tip 503 is shown in cross-section, revealing the internal lumen 502. The catheter assembly 500 is shown in cross-section, revealing the internal lumen 502.

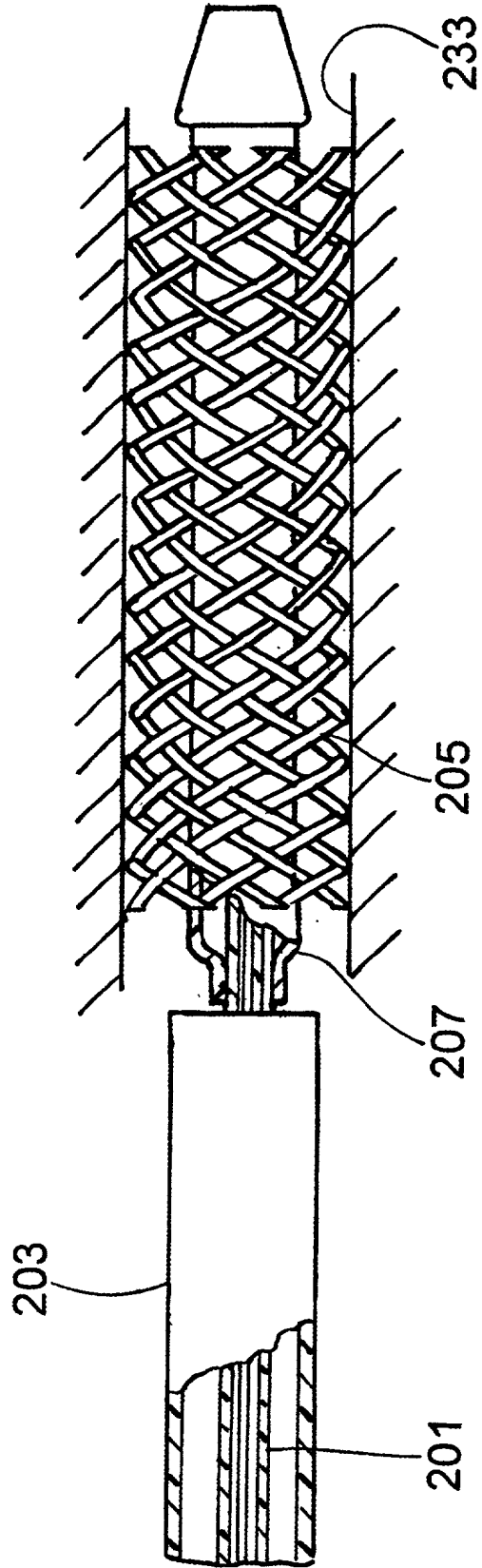
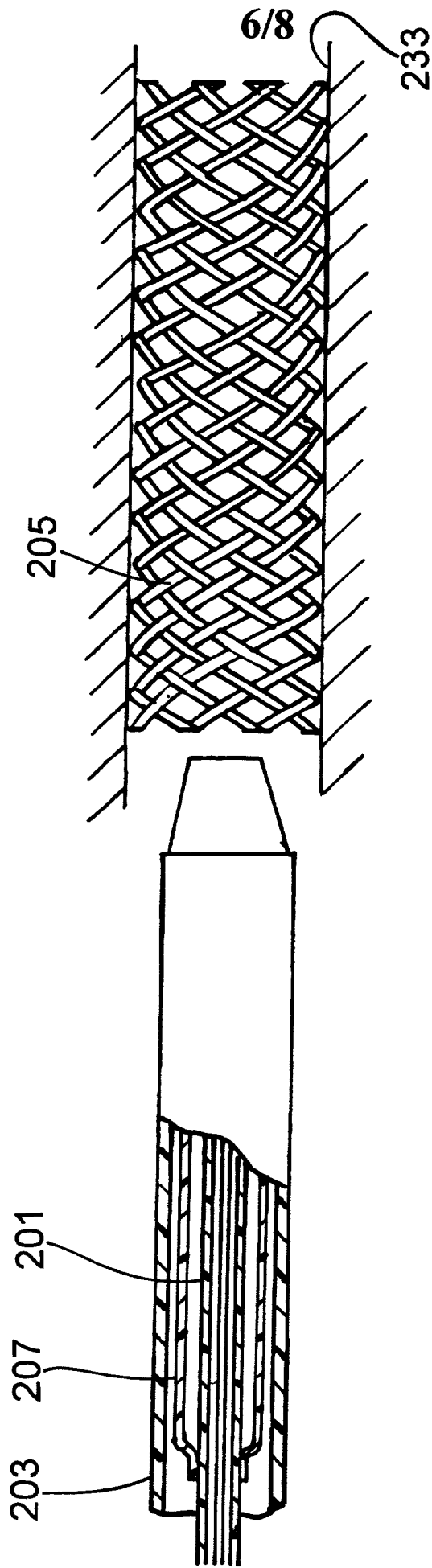


Fig. 5



**Fig. 6**

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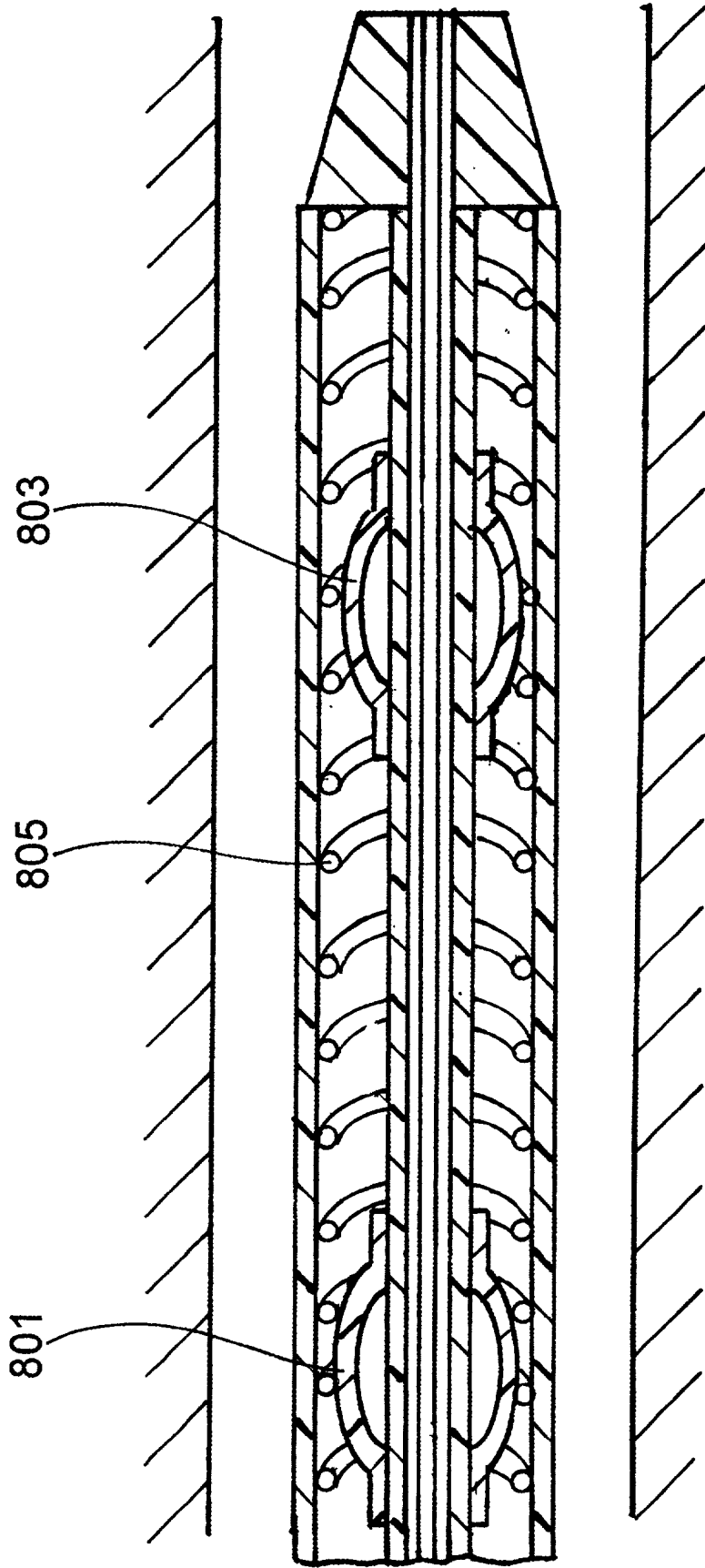


Fig. 7a

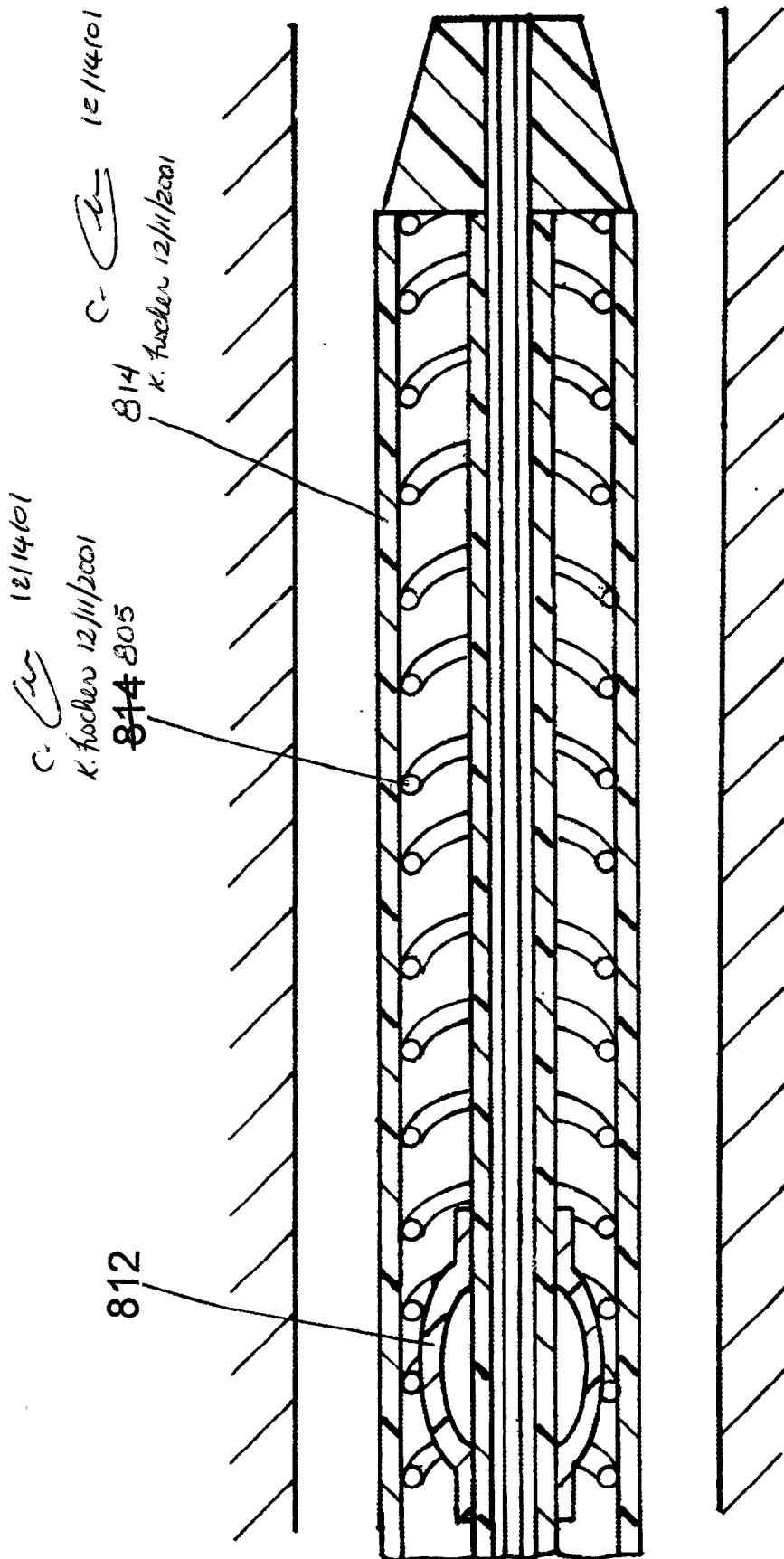


Fig. 7b